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AN - 1975-69834W [42]
A - [001] 012 03- 074 23- 231 359 431 432 47& 473 477 532 537 541 545 549 688
CPY - DNIN
DC - A32 E33 M11
FS - CPI
IC - C25D0/00
MC - A04-F01 A11-B05A A12-B04 E34-C01 M11-E01 M11-G
M3 - [01] A940 C730 C101 C108 C803 C802 C807 C805 C804 C801 A119 C540 C550 A313 N050 N000 N120 Q464 M720 M411 M902
- [02] A119 A300 A313 A940 A990 C101 C108 C540 C550 C730 C801 C802 C803 C804 C805 C807 M411 M720 M903 N000 N050 N120 Q464
PA - (DNIN ) DAINIPPON INK & CHEM KK
PN - JP50019290B B 19750705 DW197542 000pp
PR - JP19730070616 19700529; JP19670010953 19670222
XIC - C25D-000/00
AB - JP75019290 Method comprises treating alumite with boiling water for 3-8 mins. to convert alumite partially to boehmite, applying water-sol. thermosetting acrylic resin by electrophoretic coating method, and heating. The method produces perfect and durable protective layers which is highly resistant to boiling water, acid and alkali. In one example, aluminium sheet (JIS H4101, A-1, P2-3) was anodically oxidised in 15% H2SO4 40 mins. at 1A/dm2, washed with water, and immersed 3 mins. in boiling water; the alumite was then immersed in 15% aq. soln. of thermosetting acrylic resin, and applied with 120V DC for 3 mins. to effect electrophoretic deposn. of the resin on the alumite; the coating was then cured 30 min. at 160 degrees C; the protective layer obtd. withstood 10 days immersion in 2% H2SO4, 10 days immersion in 2% NaOH, and 3 hrs. boiling in water.
IW - COATING ALUMITE ALUMINIUM SUBSTRATE THERMOSETTING ACRYLIC RESIN ELECTROPHORESIS PROCESS
IKW - COATING ALUMITE ALUMINIUM SUBSTRATE THERMOSETTING ACRYLIC RESIN ELECTROPHORESIS PROCESS
NC - 001
OPD - 1967-02-22
ORD - 1975-07-05
PAW - (DNIN ) DAINIPPON INK & CHEM KK
TI - Coating alumite on aluminium substrates - with thermosetting acrylic resin by electrophoretic process